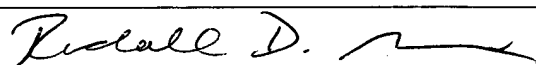


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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/579,584
	Filing Date	May 17, 2006
	First Named Inventor	Susan Bortolin
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	TMB-006

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Declaration and Power of Attorney Return Receipt Postcard Copy of Notice of Missing Requirements under 35 U.S.C. 371
<div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 5px;"></div> Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	GOODWIN PROCTER LLP		
Signature			
Printed name	Randall D. Morin		
Date	March 9, 2007	Reg. No.	58,312

Application No. (if known): 10/579,584

Attorney Docket No.: TMB-006

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on March 9, 2007  
Date

  
Signature

Linda A. Geraigery

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 570-1000  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

- Transmittal Form (1 page)
- Fee Transmittal (1 page)
- Response to Notification of Missing Requirements under  
35 U.S.C. 371 (1 page)
- Copy of Notice of Missing Requirements under 35 U.S.C. 371 (2 pages)
- Declaration and Power of Attorney (10 pages)
- Check in the amount of \$130.00
- Return Receipt Postcard

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2005</h3>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/579,584
		Filing Date	May 17, 2006
		First Named Inventor	Susan Bortolin
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)    130.00		Attorney Docket No.	TMB-006

**METHOD OF PAYMENT** (check all that apply)

☒ Check   
 ☐ Credit Card   
 ☐ Money Order   
 ☐ None   
 ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account   
 Deposit Account Number: 07-1700   
 Deposit Account Name: Goodwin Procter LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below                     
 ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17                     
 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<b>Total Claims</b> <b>Extra Claims</b> <b>Fee (\$)</b> <b>Fee Paid (\$)</b> _____ - 20 = _____ x _____ = _____	<b>Multiple Dependent Claims</b> <b>Fee (\$)</b> <b>Fee Paid (\$)</b> _____      _____
HP = highest number of total claims paid for, if greater than 20.	
<b>Indep. Claims</b> <b>Extra Claims</b> <b>Fee (\$)</b> <b>Fee Paid (\$)</b> _____ - 3 = _____ x _____ = _____	
HP = highest number of independent claims paid for, if greater than 3.	

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

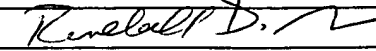
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 _____ (round up to a whole number) x _____ = _____		

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1051 Surcharge-Late oath or declaration      130.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	58,312	Telephone	(617) 570-1000	
Name (Print/Type)	Randall D. Morin	Date	March 9, 2007			

03/14/2007 MKAYPAGH 00000039 10579584

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130.00 0P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Bortolin *et al.* CONFIRMATION NO. 9399

SERIAL NO.: 10/579,584 (National Stage of PCT/CA04/01974) GROUP NO.: Not yet assigned

I.A. FILING DATE: May 17, 2006 EXAMINER: Not yet assigned

TITLE: METHOD OF DETECTING MUTATIONS ASSOCIATED WITH THROMBOSIS

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN  
THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

This paper is being filed in response to the Notification of Missing Requirements mailed on January 26, 2007. Applicant encloses a copy of the Notification, an executed Declaration and Power of Attorney form, and a check in the amount of \$130.00 to cover the surcharge for a late fee or declaration. Applicant believes that no other fees are required. However, please charge any other fees necessary for entry of this paper and completion of the filing requirements to Deposit Account No. 07-1700.

Respectfully submitted,

Date: March 9, 2007  
Reg. No. 58,312

Tel. No.: (617) 570-1657  
Fax No.: (617) 523-1231

  
Randall D. Morin  
Attorney for Applicants  
Goodwin Procter LLP  
Exchange Place  
Boston, Massachusetts 02109  
Goodwin Customer No. 051414

COPY DAG / DAW / RDM



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/579,584	Susan Bortolin	TMB-006

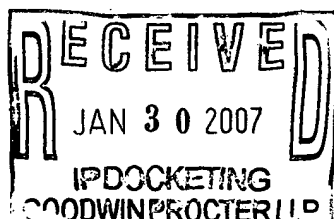
INTERNATIONAL APPLICATION NO.
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PCT/CA04/01974

I.A. FILING DATE	PRIORITY DATE
11/17/2004	11/17/2003

51414

GOODWIN PROCTER LLP  
 PATENT ADMINISTRATOR  
 EXCHANGE PLACE  
 BOSTON, MA 02109-2881



CONFIRMATION NO. 9399

371 FORMALITIES LETTER



\*OC00000022179612\*

Date Mailed: 01/26/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/17/2006
- Copy of the International Search Report filed on 05/17/2006
- Preliminary Amendments filed on 05/17/2006
- Information Disclosure Statements filed on 12/01/2006
- Biochemical Sequence Diskette filed on 05/17/2006
- Biochemical Sequence Listing filed on 05/17/2006
- U.S. Basic National Fees filed on 05/17/2006
- Priority Documents filed on 05/17/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/579,584	PCT/CA04/01974	TMB-006